In re Appln. of Lucas et a · Application No. 10/085,890

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please cancel claims 3 and 12 without prejudice.

Please add new claim 13.

Listing of Claims:

(currently amended) A polyisoprene article made by curing a composition 1.

comprising,

a liquid polyisoprene latex emulsion; and a curing compound comprising sulfur;

a thiuram compound; and

a second-compound selected from a group consisting of diisopropyl

nogen polysulfide, diisopropyl xanthogen, diisopropyl xanthogen plus tetraethylthiuram diisopropyl xanthogen plus zinc dibenzyldithiocarbamate, xanthogen sulfide, xanthogen sulfide plus tetraethylthiuram disulfide, and xanthogen sulfide plus zinc dibenzyldithiocarbamate xanthogen compound.

(currently amended) The article of claim 1 wherein the thiuram compound is selected from the group consisting of tetral enzyl thiuram disulfide, tetraethyl thiuram disulfide, dipentamethylene thiuram hexas ulfide and combinations thereof.

(canceled) 3.

- (original) The article of claim 1 wherein the thiuram compound is present in a concentration range of between about 0.45 parts per 100 parts of polyisoprene and about 0.75 parts per 100 parts of polyisoprene.
- (original) The article of claim 4 wherein the thiuram compound is present in a concentration of about 0.6 parts per 100 parts of polyisoprene.
- (currently amended) The article of claim 1 wherein the second compound is further comprising zinc dibenzyldithiocarbathate.
- (original) The article of claim 6 wherein the zinc dibenzyldithiocarbamate is present in a concentration range of between about 0.3 parts per 100 parts of polyisoprene and about 0.5 parts per 100 parts of polyisoprene.

- 8. (currently amended) The article of claim 7 wherein the zinc dibenzyldithiocarbamate is present in a concentration range of about 0.4 parts per 100 parts of polyisoprene.
- 9. (currently amended) The article of claim 1 wherein the second compound containing xanthogen compound is present in the article in a concentration range of between about 1.0 and about 2.0 parts per 100 parts of polyisoprene.
- 10. (currently amended) The article of claim 9 wherein the second compound containing xanthogen compound is present in the article at a concentration of about 1.5 parts per 100 parts of polyisoprene.
 - 11. (original) The article of claim 1, wherein said article is a condom.
 - 12. (canceled)
- 13. (new) The article of claim 1 wherein the xanthogen compound is selected from the group consisting of diisopropyl xanthogen polysulfide, dibutyl xanthogen disulphide and combinations thereof.